<u>What is claimed is:</u>

1. A method for scanning and autocropping the valid scope of a negative film frame, comprising the following steps:

   (A) Building a database of negative film for application of a scanner's driver, wherein a brand name of negative film and measurements of the valid scope of a negative film frame are recorded in the database;

   (B) Previewing a negative film frame for obtaining coordinates of a plurality of vertexes thereof;

   (C) Calculating the coordinates of center of the negative film frame according to the coordinates of the vertexes of the negative film frame;

   (D) Inputting the brand name of the negative film through an input interface of the scanner's driver;

   (E) Searching the database of negative film for measurements of a valid scope of the negative film frame according to the brand name of the negative film;

   (F) Calculating coordinates of the plurality of vertexes in the valid scope of the negative film frame according to the coordinates of center and measurements of the valid scope of the negative film frame; and

   (G) Showing a cropped scope, namely the valid scope of the negative film frame, according to coordinates of a plurality of vertexes of the negative film frame.

2. The method according to claim 1, wherein the database of negative film in step (A) is stored in a storage device of the scanner.

3. The method according to claim 1, wherein the scanner is a negative film scanner or a platform scanner.

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1   4. A method for scanning and autocropping the valid scope of frames of a

2   consecutive negative film, comprising the following steps:

3   (A) Building a database of consecutive negative film for application of a

4   scanner's driver, wherein a brand name of consecutive negative film and

5   measurements of valid scope of frames of the consecutive negative film are

6   recorded in the database;

7   (B) Previewing frames of the consecutive negative film for obtaining

8   coordinates of a plurality of vertexes thereof;

9   (C) Inputting the brand name of the consecutive negative film through an

10   input interface of the scanner's driver;

11   (D) Searching the database of consecutive negative film for

12   measurements and number of sprocket holes of a negative film frame according

13   to the brand name of the consecutive negative film;

14   (E) Splitting the consecutive negative film into a plurality of sections

15   according to the number of the sprocket holes on single side of the negative film

16   frame;

17   (F) Trying to obtain coordinates of the plurality of vertexes in the

18   sections of the consecutive negative film and calculating coordinates of the

19   section center of each frame, namely the coordinates of center of the negative

20   film frame, according to the coordinates of the plurality of vertexes of each

21   section; and

22   (G) Calculating coordinates of a plurality of vertexes in each negative

23   film frame basing on the coordinates of frame center and measurements of every

24   negative film frame; and

25   (H) Displaying a plurality of cropped frames, namely the valid scope of

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26 the consecutive negative film, basing on the coordinates of the plurality of

27 vertexes of each negative film frame.

1 5. The method according to claim 4, wherein the database of consecutive negative

2 film in step (A) is stored in a storage device of the scanner.

1 6. The method according to claim 4, wherein the scanner is a negative film scanner

2 or a platform scanner.